Listing and Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) Method for the distributed management of a catalogue of objects in a communication network comprising devices, the method comprising the step of:

registering local objects present in a device in a local registry managed at the level of this device;

- formulating, by a local object, a request for a list of objects, the request being transmitted to the single local registry of the device hosting the local object;

- propagating the request through the local registry to distant registries;

- collecting the responses to the request by the distant registries and the response of the local registry; and

- transmitting the responses collected to the local object having formulated the initial request.

2. (Previously Presented) Method according to Claim 1, wherein a local registry comprises for each object registered therein an identifier of this object in the network, this identifier being unique for the network, as well as attributes of the object.

3. (Previously Presented) Method according to Claim 2, wherein the identifier comprises an identifier of the device in which the object is present, this device identifier being unique in the network, as well as of a local identifier unique to this object at the level of the device.

4. (Previously Presented) Method according to Claim 2, wherein a type of request formulated by an object is a request comprising at least one selection criterion pertaining to an object attribute.

5. (Previously Presented) Method according to Claim 4, wherein the function of an object is an attribute stored by a local registry in respect of the object.

6. (Previously Presented) Method according to Claim 1, wherein the step of propagating a request comprises the step of determining the devices connected to the network which themselves comprise a registry.

7. (Previously Presented) Method according to Claim 6, wherein the step of determining the devices comprises the determination of the types of the devices present in the network, the type of a device indicating whether it hosts a registry or whether it does not host one.

8. (Previously Presented) Method according to Claim 1, wherein a type of request formulated by an object is a request comprising selection criteria for at least two lists of objects, as well as at least one operator for processing the lists.

9. (Previously Presented) Device in a communication network comprising:
means for storing local objects;
means for storing a local registry for containing a catalogue of objects local to the device;
means for connecting the device to the network;
- means for propagating a request for a list of objects formulated by a local object to the local registries of other devices; and
- means for collecting the responses of the registries of the other devices and the response of the local registry and for transmitting the responses to the object having formulated the request.

10. (Previously Presented) Device according to Claim 9, further comprising means for determining the addresses of devices of the network comprising so-called distant registries.

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